



SEQUENCE LISTING

<110> Ptashne, et al.,

<120> Transcriptional Activation System, Activators, and Uses
Therefor

<130> 0342941-0065

<140> 09-943,944

<141> 2001-08-31

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<170> PatentIn Ver. 2.1

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<210> 119
<211> 18
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<220>
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18

<210> 120
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<220>
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<210> 121

<211> 18
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<220>
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<210> 122
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<220>
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1 5

<210> 123
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<220>
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18

<210> 124
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<220>
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<210> 125
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<220>
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<220>
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<210> 127
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<220>
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<400> 127
ggagaatatt tccccttc 18

<210> 128
<211> 6
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<220>
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<210> 129
<211> 18
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<220>
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<400> 129
tttataatgc cccctctc 18

<210> 130
<211> 6
<212> PRT
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<220>
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<400> 130
Phe Ile Asp Pro Pro Leu
1 5

<210> 131
<211> 18
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<220>
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<400> 131

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18

<210> 132
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
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<400> 132
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1 5

<210> 133
<211> 18
<212> DNA
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<220>
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<400> 133
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18

<210> 134
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<213> Artificial Sequence

<220>
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1 5

<210> 135
<211> 18
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide
sequences.

<400> 135
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18

<210> 136
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
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sequences.

<400> 136
Leu Pro Pro Pro Trp Leu
1 5

<210> 137
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide
sequences.

<400> 137
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18

<210> 138
<211> 6
<212> PRT
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<220>
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sequences.

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1 5

<210> 139
<211> 18
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<220>
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<400> 139
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<210> 140
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<220>
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<400> 140
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1 5

<210> 141
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
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<210> 142
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<220>

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1 5

<210> 143
<211> 18
<212> DNA
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<220>
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<400> 143
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<210> 144
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<220>
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1 5

<210> 145
<211> 18
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<220>
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<400> 145
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<210> 146
<211> 6
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1 5

<210> 147
<211> 18
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<220>
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<400> 147
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<210> 148
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<220>
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<400> 148
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1 5

<210> 149
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<220>
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sequences.

<400> 149
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18

<210> 150
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<220>
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<400> 150
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1 5

<210> 151
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<220>
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18

<210> 152
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<220>
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<400> 152
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1 5

<210> 153

<211> 18
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 153
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18

<210> 154
<211> 6
<212> PRT
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 154
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1 5

<210> 155
<211> 18
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 155
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18

<210> 156
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<220>
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<400> 156
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<210> 157
<211> 18
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<220>
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<400> 157
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<210> 158
<211> 6
<212> PRT
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<220>
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<400> 158
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1 5

<210> 159
<211> 18
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<220>
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<400> 159
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<210> 160
<211> 6
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<213> Artificial Sequence

<220>
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<400> 160
Phe Asp Pro Phe Gly Ile
1 5

<210> 161
<211> 18
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<220>
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<400> 161
ccccccagtg tgaacctc 18

<210> 162
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<220>
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<400> 162
Pro Pro Ser Val His Leu
1 5

<210> 163
<211> 18
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<220>
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<400> 163

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18

<210> 164
<211> 6
<212> PRT
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 164
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1 5

<210> 165
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<212> PRT
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 165
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1 5 10

<210> 166
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 166
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24

<210> 167
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 167
Tyr Leu Leu Pro Thr Cys Ile Pro
1 5

<210> 168
<211> 24
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 168
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<210> 169
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<212> PRT
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<220>
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<400> 169
Leu Gln Val His Asn Ser Thr
1 5

<210> 170
<211> 24
<212> DNA
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<220>
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<400> 170
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<210> 171
<211> 8
<212> PRT
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<220>
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<400> 171
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1 5

<210> 172
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<212> DNA
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<220>
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<210> 173
<211> 8
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<400> 173
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1 5

<210> 174
<211> 24
<212> DNA
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<220>
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24

<210> 175
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<220>
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1 5

<210> 176
<211> 24
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 176
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24

<210> 177
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<212> PRT
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<220>
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<400> 177
Pro Pro Asp Thr Tyr Ile Phe Phe
1 5

<210> 178
<211> 24
<212> DNA
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<220>
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<400> 178
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24

<210> 179
<211> 8
<212> PRT
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<220>
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<400> 179
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1 5

<210> 180
<211> 24
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 180
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24

<210> 181
<211> 8
<212> PRT
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<220>
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sequences.

<400> 181
Leu Val Leu Pro Gln Pro Gln Leu
1 5

<210> 182
<211> 24
<212> DNA
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<220>
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<400> 182
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<210> 183
<211> 8
<212> PRT
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<223> Description of Artificial Sequence:Random peptide sequences.

<400> 183
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1 5

<210> 184
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<212> DNA
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

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<210> 185

<211> 8
<212> PRT
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<220>
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1 5

<210> 186
<211> 24
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 186
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<210> 187
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 187
Leu Glu Pro Ser Leu Tyr Met Ile
1 5

<210> 188
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 188
tgcatcttgt cccaccacgc tcct 24

<210> 189
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 189
Cys Ile Leu Ser His His Ala Pro
1 5

<210> 190
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 190
gacctcacat gctgttttg cctc 24

<210> 191
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
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<400> 191
Asp Leu Thr Cys Cys Phe Cys Leu
1 5

<210> 192
<211> 24

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 192
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24

<210> 193
<211> 8
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<220>
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<400> 193
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1 5

<210> 194
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 194
tacctactac ctttcattcc gtac

24

<210> 195
<211> 8
<212> PRT
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<220>
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<400> 195

Tyr Leu Leu Pro Phe Leu Pro Tyr
1 5

<210> 196
<211> 24
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 196
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<210> 197
<211> 8
<212> PRT
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<220>
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<400> 197
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1 5

<210> 198
<211> 24
<212> DNA
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<220>
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<400> 198
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<210> 199
<211> 8
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<220>
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<400> 199
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1 5

<210> 200
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 200
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ttt

<210> 201
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<220>
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<400> 201
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1 5

<210> 202
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
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<400> 202
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<220>
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24

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<220>
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      sequences.
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<400> 205
Pro Trp Pro Tyr Tyr Phe Pro Ile
1 5

<210> 206
<211> 24
<212> DNA
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<220>
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<400> 206
ccgatttggc aatataccat tttc 24

<210> 207
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
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<400> 207
Pro Ile Trp Gln Tyr Thr Ile Phe
1 5

<210> 208
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
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<400> 208
ttatccccca cctttgggc attc 24

<210> 209
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<213> Artificial Sequence

<220>
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<400> 209
Phe Ser Pro Thr Phe Trp Ala Phe
1 5

<210> 210
<211> 24
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 210
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<210> 211
<211> 8
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<400> 211
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1 5

<210> 212
<211> 24
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<220>
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<400> 212

cctgcactcc tgtttccatt catc

24

<210> 213
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<400> 213
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1 5

<210> 214
<211> 24
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 214
ttcacctacg ctctcccctt cccc

24

<210> 215
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<400> 215
Phe Thr Tyr Ala Leu Pro Phe Pro
1 5

<210> 216
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<400> 216
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24

<210> 217
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<400> 217
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1 5

<210> 218
<211> 24
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 218
ctattccctt ggacatacca actt

24

<210> 219
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<400> 219
Leu Phe Pro Trp Thr Tyr Gln Leu
1 5

<210> 220
<211> 24
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<220>
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<400> 220
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<210> 221
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1 5

<210> 222
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<210> 223

<211> 7
<212> PRT
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<400> 223
Tyr Ile Phe Leu Ser Phe Ser
1 5

<210> 224
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<210> 225
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<400> 225
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1 5

<210> 226
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<400> 226
Leu Ile Cys Tyr Pro Leu Pro Thr
1 5

<210> 227
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<223> Description of Artificial Sequence:Random peptide sequences.

<400> 227
Ile Pro Leu Tyr Leu Thr Cys Pro
1 5

<210> 228
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<212> PRT
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<400> 228
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1 5 10

<210> 229
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<400> 229
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1 5

<210> 230
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1 5

<210> 231
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<400> 231
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1 5

<210> 232
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<400> 232
Ala Leu Leu Thr Gly Leu Val Gln Asp
1 5

<210> 233
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<223> Description of Artificial Sequence:Random peptide sequences.

<400> 233
Ala Leu Leu Thr Gly Phe Val Gln Asp
1 5

<210> 234
<211> 10
<212> PRT
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<400> 234
Ala Leu Leu Thr Gly Leu Phe Val Gln Ala
1 5 10

<210> 235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 235
Ala Leu Leu Thr Gly Leu Phe Val Ala Asp
1 5 10

<210> 236
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 236
Ala Leu Leu Thr Gly Leu Phe Ala Gln Asp
1 5 10

<210> 237
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 237
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1 5 10

<210> 238
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<212> PRT
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<220>
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<400> 238
Leu Phe Val Gln Asp Tyr Leu Leu Pro Thr Cys Ile Pro
1 5 10